

Report of Activities

Calendar Year 2003

*The Udall Center
for Studies in Public Policy
at the University of Arizona*



Prepared by Kim Leeder, Associate Editor

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TOP ACHIEVEMENTS DURING 2003

Sponsored Research and Outreach Grants (see page 5)

During the calendar year 2003, the Udall Center generated more than \$2.1 million from sponsored research, outreach grants, and other external sources.

The amount of external funding available, including carryover from previous grants as well as newly procured grants, for the Center's 2003 budget was about \$1.7 million, or 76 percent of the total available from all sources (\$2.2 million).

Native Nations Institute (see page 7)

The Native Nations Institute for Leadership, Management, and Policy (NNI) has continued to expand the Center's work with indigenous nations and its research on federal Indian policy, indigenous governance, and economic development. Significant efforts during calendar year 2003 included new research initiatives on indigenous leadership and self-governance, federal justice policies in Indian Country, and intergovernmental agreements. Additionally, NNI has maintained its outreach component through executive education sessions, strategic analysis seminars, and youth entrepreneur camps. NNI has continued to secure significant funding from the Morris K. Udall Foundation and smaller amounts from other sources.

Environmental Policy Programs (see page 11)

The Center has strengthened the demand for its services among stakeholders and other organizations, continued to draw additional external support for this work, and expanded its record of publications and professional presentations by participating scholars. It has also expanded its cooperative relationships with other units and institutions and has initiated an effort to bring to the Center an additional Ph.D.-level scholar in this area. Highlights of 2003 included continuing work on environmental conflict resolution, new projects in the San Pedro River Basin, substantial international outreach, and Udall Center Deputy Director Robert Varady's work on the history of global water initiatives.

Outreach Events and Service (see page 15)

The Center organized and convened one conference, 24 workshops and training sessions, and several other policy forums and meetings. Further expanding the influence of the Center, a number of staff served in support roles for organizations with goals related to those of the Udall Center and Native Nations Institute.

Udall Center Publications (see page 19)

Through its Udall Center Publications imprint, the Center published 2 monographs and distributed over 800 copies of publications. In addition, the Native Nations Institute—jointly with the Harvard Project on American Indian Economic Development at Harvard University—initiated a new publications series under the title “Joint Occasional Papers in Native Affairs.” Four papers in this series were published in 2003.

Scholarly Publications (see page 22)

Researchers at the Center published scholarly articles in books and journals including *Water: Science, Policy, and Management* and *Environmental Practice*, and generated several reports. Also, the University of Arizona Press offered the Udall Center a contract for a new book, to be delivered to the Press in 2004, titled *Resources for Nation Building: Governance, Development, and the Future of American Indian Nations*.

Academic Presentations (see page 23)

Members of the Center’s staff delivered presentations at more than 30 workshops, conferences, and other professional meetings around the world.

Websites and Listservs (see page 25)

The Center updated and expanded its main website, <udallcenter.arizona.edu>, launched a new subsidiary website, and managed three other subsidiary or related sites. The Center also manages three internet-based public-policy discussion groups.

Udall Center Fellows Program (see page 27)

The Udall Center Fellows Program completed its 13th year and entered its 14th, hosting three UA faculty members during 2003. Fellows during the spring and fall 2003 semesters were Karl Flessa (Geosciences), Linda Molm (Sociology), and Kathy Powers (Political Science). Including the 2003-2004 class, more than 100 faculty members and researchers have come to the Center as Fellows.

Collaborations (see page 27)

The Udall Center maintained linkages and established collaborative activities with many institutions and organizations outside the university and with units across campus.

SOURCES OF FUNDS

2003 Annual Budget

From the University of Arizona:

Office of the Vice President for Research	\$ 491,428	21.7%
Revenues from other UA Units	42,074	1.9%

From External Sources

Sponsored Grants and Contracts	\$1,602,165	70.8%
Other External Sources	127,631	5.6%

Total	\$2,263,298	
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Note: As in previous years, this includes some carry-over funds acquired, but not expended, in previous years.

Sources of External Funding and Revenues, 2003

Total	\$1,595,890
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Note: Funds acquired in 2003 include some monies to be expended during subsequent years.

Environmental Protection Agency (\$17,830) to support the binational ECOSTART environmental education program.

Fort Mojave Tribe (\$9,000) for an executive education workshop by the Native Nations Institute.

Gila River Indian Community (\$5,000) for an executive education workshop by the Native Nations Institute.

The Hopi Tribe (\$5,310) for an executive education workshop by the Native Nations Institute.

Morris K. Udall Foundation (\$705,880) to support the Native Nations Institute for Leadership, Management, and Policy (NNI).

Morris K. Udall Foundation (\$272,200) to support programs related to environmental conflict resolution and natural resource policy.

National Indian Brotherhood Society (\$59,740) for executive education workshops by the Native Nations Institute.

National Oceanic and Atmospheric Administration (\$265,000) for a project on the use of climate-information products by water managers and other stakeholders in two watersheds in Arizona/Sonora and Oklahoma.

Pima Association of Governments (\$9,410) for a workshop on climatic change and air pollution.

Pine Ridge Reservation, South Dakota (\$19,510) for executive education workshops by the Native Nations Institute.

San Carlos Apache Agency, Arizona (\$9,020) for an executive education workshop by the Native Nations Institute.

Southern California Edison Corporation (\$7,500) for an executive education workshop by the Native Nations Institute for southern California tribes.

University of New Mexico (\$16,410) for training sessions on environmental conflict resolution processes.

University of Virginia Institute for Environmental Negotiation (\$5,500) for a study of community-based collaborative groups.

U.S. Bureau of Land Management and U.S. Institute for Environmental Conflict Resolution (\$50,000) to facilitate discussions related to recreational shooting on public lands in the Tucson area.

U.S. Department of the Interior and UA Water Resources Research Center (\$12,450) for a project integrating research and education to assist three watershed organizations in Arizona.

Donations (\$44,710) for the Native Nations Institute.

Interest on investments (\$14,400) from UA Foundation accounts.

Sales (\$1,370) of Udall Center publications.

Registration Fees (\$20,650) for workshops and other programs.

Travel (\$45,000) paid by external sources.

INDIGENOUS NATIONS POLICY PROGRAMS

Native Nations Institute

The University of Arizona and the Morris K. Udall Foundation founded the Native Nations Institute for Leadership, Management, and Policy (NNI) in 2001 as a self-determination, self-governance, and development resource for Native Nations.

Housed at the Udall Center, NNI is an outgrowth of the Harvard Project on American Indian Economic Development, an organization with which it retains close ties. NNI's programs include executive education and related training programs for indigenous leadership, policy analysis, and research on governance and development among indigenous nations. Start-up funding came from the Ford Foundation, the Morris K. Udall Foundation, and other sources.

NNI's International Advisory Council, composed of 24 indigenous leaders from the United States and Canada (see Appendix, page 29), meets twice a year to advise NNI and the Udall Center and to help set NNI's strategic direction. The council has been closely involved in the development of NNI and provides strategic advice and oversight on an ongoing basis.

NNI also expanded its staff in 2003. Rose Chischillie, formerly an undergraduate assistant for the Udall Center, was hired as Senior Office Specialist.

Activities of the Native Nations Institute during 2003 included:

Conference on Proposed Cal/EPA Policy

Tribal and agency representatives sounded off at the April 2003 workshop, "Native Nations, the Environment, and the State of California: Tribal-State Relationships and Environmental Quality," organized by the Native Nations Institute and cosponsored by the Morris K. Udall Foundation and the U.S. Environmental Protection Agency. The conference was created to provide a venue for the California Environmental Protection Agency (Cal/EPA) to receive comments on the agency's proposed "Policy for Working with Tribes along the California-Baja California Border."

The policy in question provided Cal/EPA's guidelines for cooperating with southern California border tribes in resolving environmental issues affecting the California and Baja California border regions. Ninety participants and twenty presenters, representing a range of nations and agencies, attended the event to express their questions and concerns to Cal/EPA and to contribute to the formation of the final policy. A report on the conference was published by the Udall Center in the summer of 2003 (see "Udall Center Publications," page 19).

NNI Strengthened International Ties in Australia...

At the invitation of the government of the Northern Territory and Reconciliation Australia, Native Nations Institute Director Manley Begay and Udall Center Director Stephen Cornell spent nearly three weeks in Australia during October and November 2003. Reconciliation Australia is a quasi-governmental organization that works closely with indigenous groups across the country on economic, political, and social welfare issues. Joined by Git'ksan leader Neil Sterritt from British Columbia, Begay and Cornell visited several indigenous communities in various parts of the Northern Territory to discuss governance and development challenges with community leaders and government officials.

The trip culminated in a major conference on "Building Effective Indigenous Governance," held at Jabiru in Kakadu National Park, southeast of Darwin in the Northern Territory. Begay and Cornell were featured presenters at the conference, where they discussed the steps that indigenous nations in the United States are taking to assert self-governing powers and create sustainable economies.

...in Canada...

NNI continued to develop relationships with Native nations in Canada during 2003. Three separate executive education events were held in Alberta and British Columbia, while a fourth session attended by leaders of Canadian First Nations was held in Tucson. NNI also prepared two commissioned research reports for the Assembly of First Nations, the leading organization of First Nations in Canada. In addition, during the course of the year both NNI director Manley Begay and Udall Center director Stephen Cornell made several presentations to the Canadian government and First Nations audiences. Finally, 2003 marked the first participation by Canadian aboriginal students in NNI's Native American Youth Entrepreneur Camps (see description of camps below).

...and in Argentina

Joan Timeche, Assistant Director for NNI, traveled to Argentina in May 2003 at the request of the U.S. Embassy Speakers Series. She presented workshops on "Cultural Heritage Tourism for Indigenous Communities in the US" and "Business Opportunities in Tourism" in Amaicha de Valle, San Francisco, and Tilcara, for representatives from indigenous communities within each of those regions. Timeche also spoke to tourism students at the Universidad del Salvador in Buenos Aires.

Executive Leadership Training

During 2003, NNI, in conjunction with the Harvard Project on American Indian Economic Development, held 12 executive education sessions on nation building designed for leaders of American Indian nations, Canadian First Nations, and other indigenous groups. More than 300 tribal leaders attended these sessions. The purpose of this program is to provide senior leaders and other senior officials of Native nations with tools to develop sustainable economies, maintain political sovereignty and cultural heritage, build governing institutions and human capacity, and

secure or reestablish rights to territory and natural resources. The curriculum is based on extensive research carried out over the last 15 years by the Harvard Project and, more recently, NNI. Programs are customized for Native leaders wrestling with the unique challenge of indigenous community and economic development.

Native American Youth Entrepreneur Camps

Two of the Native Nations Institute's Native American Youth Entrepreneur Camps (NAYEC) took place in June and July 2003. The innovative camps are intended to encourage private-sector development in Indian Country. This summer NNI brought 27 students to the University of Arizona's campus to learn the basics of economics, computer skills, strategies for success, and business plan preparation.

NNI is pleased to note that this year marked the first participation by students from outside Arizona and the U.S. Students represented the White Mountain Apache Tribe, Cowichan Tribes (Canada), Tohono O'odham Nation, San Carlos Apache Tribe, and Navajo Nation. NAYEC's 2003 sponsors included the Cowichan Tribes, Desert Diamond Casino, Salt River Learning Center, Tohono O'odham Nation Economic Development Department, Tohono O'odham Nation Employment and Training Program, and the UA American Indian Studies Program.

Comprehensive Indian Resources for Community and Law Enforcement

In January 2003, NNI began a 30-month outcomes evaluation of the Comprehensive Indian Resources for Community and Law Enforcement (CIRCLE) Program, funded by the U.S. Department of Justice. CIRCLE is a demonstration project designed to explore the benefits of more integrated federal funding for tribal justice programs and more comprehensive and strategic program planning at the tribal level. NNI's partners in this effort include Oglala Lakota College, Chief Dull Knife Memorial College, and the Zuni Community Development and Advocacy Center.

Joint Occasional Papers in Native Affairs

In conjunction with the Harvard Project on American Indian Economic Development, NNI launched a new publication series, "Joint Occasional Papers in Native Affairs." Under joint NNI/Harvard Project auspices, this series publishes original research in the form of working papers and research reports. The intended audience includes other researchers, professionals working with indigenous nations, and tribal leaders. The first four papers in the series came out in 2003, with more in the pipeline.

Resources for Nation Building

On November 4, the University of Arizona Press Acquisitions Committee approved NNI's proposal for *Resources for Nation Building*, a book produced by NNI and Harvard Project researchers, to be edited by NNI's Associate Director for Research, Miriam Jorgensen. The book is planned for release in 2005.

ENVIRONMENTAL POLICY PROGRAMS

Environmental Conflict Resolution and Natural Resource Policy

Prompted by the federal legislation that created the Morris K. Udall Foundation with which the Udall Center has a permanent funding relationship (see “Collaborations,” page 27), the Center maintains a program in environmental conflict resolution and natural resource policy. This program features a number of activities that respond to the needs of stakeholders, especially in the Southwest and U.S.-Mexico border region. Generally, these activities are in the public eye and involve sensitive, contentious issues such as water use, grazing, or wildlife protection. During 2003, the Center worked on the following projects:

UNESCO International Hydrological Programme

Center Deputy Director Robert Varady is spending academic year 2003-04 as a Visiting Scientist at the United Nations Educational, Scientific, and Cultural Organization (UNESCO) International Hydrological Programme in Paris, France. At his post in UNESCO’s headquarters, Varady is pursuing research on the history of global water initiatives.

River Basin Management and Community Collaboration on Water Resources

The Udall Center continued research to assess community water resource use and community collaborations in water resource management in the Upper San Pedro (binational), Salt-Verde, and Santa Cruz river basins in Arizona, and the Red-Arkansas river basin in Oklahoma, and to link community needs to water policy, climate change, and collaborative strategies. This work has leveraged support from the NSF-supported Science and Technology Center for the Sustainability of Semi-Arid Hydrology and Riparian Areas (SAHRA), the NSF-funded Human Environment Research Observatory (HERO) project, the National Oceanic and Atmospheric Administration (NOAA), the University of Arizona Water Resources and Research Center, and the Netherlands-based Dialogue on Water and Climate.

Dialogue on Water and Climate

Researchers at the Center are working with the University’s Institute for the Study of the Planet Earth, the UA Center for Latin American Studies, and Mexican scientists from the National Autonomous University of Mexico (UNAM) and the Colegio de Sonora to integrate climate variability and change into water-management decisions through dialogues with stakeholders in the San Pedro River Basin. This project is part of the Dialogue on Water and Climate (renamed in 2004 the Co-Operative Programme on Water and Climate), headquartered in The Netherlands.

Strategic Planning in Northern Arizona

In July 2003, at the request of the Arizona Department of Water Resources, Mette Brogden and Anne Browning-Aiken conducted a strategic planning workshop in Flagstaff, Arizona, for the Northern Arizona Municipal Water Users Association in order to build the capacity of the group to address critical water issues in northern Arizona.

Integrating Research and Education to Assist Watershed Initiatives: A Survey of Three Arizona Watershed Organizations

This survey is being conducted by the Udall Center, the School of Renewable Resources, and the Extension Cooperative (all at the University of Arizona) with the sponsorship of the Water Resources Resource Center. The purpose is to assess the specific needs and functions of watershed initiatives, defined as locally-organized groups concerned with the management and conservation of water resources in river basin areas. The study targets three Arizona river basins: the San Pedro, Verde, and Santa Cruz.

The principal objective of the survey is to define obstacles, constraints, and successes in management strategies of Arizona Rural Watershed Initiatives and to devise a method of evaluating initiatives throughout the state. This evaluation is intended to benefit state and municipal water managers, legislators and local elected officials, the ADWR Rural Watershed Initiative Program, environmental organizations, and other water stakeholders in addressing water-planning and management issues and in developing outreach programs.

U.S.-Mexico Border Environment

Since 1989 the Udall Center has conducted influential research and outreach on environmental policy in the U.S.-Mexico border region. This topic thus comprises the Center's oldest and most established area of inquiry. Since the first \$350,000 grant from the Ford Foundation in 1989, the Center has implemented its program with approximately \$2.5 million of external support from the Arizona Community Foundation, Arizona Nature Conservancy, Charles Stewart Mott Foundation, Commission for Environmental Cooperation, Dutch IHE, Ford Foundation, Fund for the Improvement of Post-Secondary Education, International Association of Fish and Wildlife Agencies, Morris K. Udall Foundation, National Oceanic and Atmospheric Administration, National Science Foundation, Pew Charitable Trusts, Trust for Public Land, U.S. Department of the Interior, U.S. EPA, the University of Arizona Water Resources Research Center, Western Governors' Association, and other sponsors. The results of the Center's exploration of issues related to border environment and water management has been made available via publications and public programs. In particular, the Udall Center was actively engaged in the following programs during 2003:

The San Pedro River Basin Binational Watershed Alliance

During 2003, the Udall Center brought together a group of community members, water managers, and municipal, state, and federal officials from the U.S. and Mexico for several meetings in Cananea, Sonora, Mexico. With Udall Center facilitation, the group, now known as the San Pedro River Basin Binational Watershed Alliance, has been discussing the possibility of establishing an informal, binational, coordinated adaptive water management group (or task force) in the Upper San Pedro Basin. The meetings were organized by Center researchers Anne Browning-Aiken, Denise Moreno, Robert Merideth, and Emily Dellinger, with the support of Barbara Morehouse of the Institute for the Study of Planet Earth, Margaret Wilder of the Center for Latin American Studies, and Nicolas Piñeda from the Colegio de Sonora.

The purpose of the Alliance is to establish a holistic, ecosystem-based approach to natural resources conservation and environmental planning. By providing a broad context for coordinated watershed conservation efforts as well as a valuable conservation-planning tool, the Alliance hopes to empower local organizations to direct their limited resources more efficiently into the most urgently needed projects and solutions. It continues the work of predecessor programs such as SALSA, and reflects the successful cooperative efforts of basin residents, federal, state, and local elected officials and agencies, water managers and city planners, the Mexican mining industry, and environmental groups in Sonora and Arizona.

The project is supported by a grant from the National Oceanic and Atmospheric Administration. The Udall Center maintains an active web page, at [<udallcenter.arizona.edu/sanpedro/dialogues/>](http://udallcenter.arizona.edu/sanpedro/dialogues/), where meeting announcements and information are posted regularly.

Survey Reveals Needs of U.S.-Mexico Border Groups

The Center's Anne Browning-Aiken, Allison Davis, and Denise Moreno published a survey that suggests that for U.S.-Mexico border activist groups to be more effective in improving environmental, health, and economic conditions, they need to build long-lasting alliances among them. The "Survey of Organizational Goals, Strategies, and Practices," conducted with the support of the Center for Latin American Studies at the University of Arizona, was administered to representatives of Mexican and U.S. nongovernmental organizations and community action groups participating in the 2003 Meeting on the Border Environment in Tijuana, Mexico. The border meeting was held in May 2003 and coordinated by the university and the nonprofit Proyecto Fronterizo de Educación Ambiental.

The full report of the survey was published on the America's Program of the Interhemispheric Resource Center website (see "Research Publications and Presentations," page 22).

Results of a Survey of Mexican Stakeholders Near the U.S.-Mexico Border

The Udall Center's Anne Browning-Aiken, Allison Davis, Robert Varady, Robert Merideth, Denise Moreno, and Emily Dellinger, along with a number of researchers from other organizations, conducted a survey of Mexican stakeholders to assess the quality and usability of climate and hydrologic information available to water managers and communities in the Mexican portion of the San Pedro River Basin. This work was conducted under the auspices of the Dialogue on Water and Climate and NOAA, and will be used as a foundation for future efforts in the region.

The surveys indicate that the central concern for urban residents is the lack of reliable potable water due to frequent service breakdowns—with climate change and variability, specifically drought and high temperatures, as contributing factors. Water managers desire appropriate meteorological and hydrologic information to improve planning strategies, but access to this information remains limited. Considerable disagreement exists about who should pay for previously free or low-cost water and wastewater treatment, and urban users have little incentive to conserve because of the flat low rate and frustration with service.

San Pedro News and Comment

The Center produces the ***San Pedro News and Comment***, a weekly compilation of news articles relating to the Upper San Pedro Basin, formerly compiled and distributed by the Semi-Arid Land-Surface-Atmosphere Program. Approximately 500 individuals subscribe to this electronic service, and estimated total readership is 700.

In 2003 a reader survey was conducted in order to determine how the news service was being used and how the format and topic coverage could be improved. As a result of reader feedback, the Center is currently revising the news service to make it more user-friendly and to link it to other related websites, such as SAHRA's *Newswatch*. In this way the Center hopes to increase the utility of the information for the San Pedro Community members, researchers, government agencies, and non-governmental organizations.

ACADEMIC AND COMMUNITY OUTREACH

Public policy outreach is one of the two main elements of the Udall Center's overall programs (the other is research). Since its establishment the Center has been committed to making available the results of its own and other work on public policy. Over the years, through publications, public events, and electronic media, the Center has attempted to engage the public-at-large in decision-making.

2003 Calendar of Outreach Events

January

- Executive Education Seminar for Aboriginal Leadership Institute (Canada), Tucson, Arizona.
- Executive Education Seminar for the Banff Centre, Banff, Alberta, Canada.
- Climate and Water workshop in Cananea, Sonora.

February

- 2nd Annual Native Nations Institute/Roger Willie Golf Tournament Fundraiser, Tucson, Arizona.
- Executive Education research for 8 Northern Pueblos Project, San Ildefonso Pueblo, New Mexico.
- Executive Education Seminar for Tribal Council Members of the San Carlos Apache Tribe, San Carlos, Arizona.

March

- Executive Education Seminar for Northwest Tribal Treaty Nations, Terrace, British Columbia, Canada.
- Strategic Analysis Session for San Ildefonso Pueblo, San Ildefonso, New Mexico.

April

- Conference: Native Nations, the Environment, and the State of California, Temecula, California.
- Executive Education Seminar for the Oglala Sioux Tribal Council, Kyle, South Dakota.
- Strategic Session for 8 Northern Pueblos Project, San Ildefonso Pueblo, New Mexico.

May

- Executive Education Program for Senior Administrators and Officials of the Oglala Sioux Tribe, Kyle, South Dakota.

June

- Native American Youth Entrepreneur Camp, Tucson, Arizona.

July

- Native American Youth Entrepreneur Camp, Tucson, Arizona.
- Executive Education Seminar: Nation Building, Economic Development and Business for Councilors and Senior Leadership of the Pascua Yaqui Tribe, Tucson, Arizona.
- Water and Climate workshop in Cananea, Sonora.

September

- Regional Executive Education Session for 14 tribes in the Bishop and Owens Valleys, California.
- Executive Education Seminar for the Tesuque Pueblo, Tesuque Pueblo, New Mexico.
- Executive Education Workshop for the Hopi Tribe, Tucson, Arizona.

October

- Nation Building: Aboriginal Development Symposium, Nanaimo, British Columbia, Canada.
- Capacity-building workshop with ARASA based on the Udall Center publication, *Elusive Identity: Lessons from an NGO on Mexico's Northern Border*.
- Executive Education Seminar for Aboriginal Leadership Institute, British Columbia.

November

- Meeting of the San Pedro River Basin Binational Watershed Alliance, Cananea, Sonora, Mexico.
- Strategic Analysis Session for Taos Pueblo, Taos, New Mexico.

December

- Executive Education Seminar for the Tribal Council of the Fort Mojave Indian Tribe, Laughlin, Nevada.
- Meeting of the San Pedro River Basin Binational Watershed Alliance, Naco, Arizona.
- Strategic Planning Workshop for Cocopah Tribe, Somerton, Arizona.
- ECOSTART II workshop at SMILE conference in Sierra Vista, Arizona.

Advancing Center Ideals in the Community

During 2003, Udall Center staff held the following support roles for organizations with close ties to Center research and interests:

Manley Begay

- Advisory Board Member, Alfonso Ortiz Center for Intercultural Studies
- Board Member, Aboriginal Programs Advisory Council (Banff Centre)
- Board Member, Four Times Foundation
- Board Member, Governing Council, National Institute for Native Leadership in Higher Education (NINLHE)

Ferlin Clark

- Accepted position as Interim President, Diné College (Navajo Nation)

Stephen Cornell

- Member, Editorial Board, *Ethnic and Racial Studies*
- Member, Faculty Advisory Committee, University of Arizona Press

Michelle Hale

- Board of Directors, Arizona Alumni Association (University of Arizona, Tucson)
- Chair, Clubs, Colleges and Constituent Groups Committee (University of Arizona, Tucson)
- President, American Indian Alumni Club (University of Arizona, Tucson)
- Chair, Scholarships and Awards Committee (University of Arizona, Tucson)
- Member, American Indian Scholarship Committee (University of Arizona, Tucson)
- Member, AdvoCATS board (legislative advocacy group, University of Arizona, Tucson)

Robert Merideth

- President and Chair of Board of Directors, Tucson Audubon Society
- Member of Committee on Membership, University of Arizona Faculty Senate (University of Arizona, Tucson)

Ian Record

- Executive Board Member, Western Social Science Association (WSSA)

Joan Timeche

- Member and Co-Chair, American Indian/Alaska Native Tourism Association (AIANTA), 2003 national American Indian Tourism Conference
- Member of Board of Directors, Arizona American Indian Tourism Association (AAITA)
- Member of Board of Directors, Economic Development Authority of the Tohono O'odham Nation
- Member of International Advisory Council, College of Business Administration (Northern Arizona University, Flagstaff)

Robert G. Varady

- Secretary, International Water History Association (based at the Center for Development Studies, University of Bergen, Norway).
- Member of Advisory Board, Utton Center for International Transboundary Resources (University of New Mexico, Albuquerque)

UDALL CENTER PUBLICATIONS

The Udall Center has been expanding its *Udall Center Publications* imprint to promote the outcomes of the Center's research programs and to develop and distribute educational resources related to the Center's mission. In the last year, the Center disseminated more than 800 copies of its reports, surveys, and papers as part of its outreach mission to distribute information on policy issues to stakeholders, scholars, and interested citizens. A small percentage of the distributed copies have been sold at a minimum price to recover duplication and mailing costs. The Center keeps a current listing of available titles on its website at udallcenter.arizona.edu/publications/. Many titles on the site are available free of charge for download in PDF.

Newsletters

During 2003 the Center's newsletter, ***Udall Center Update***, was distributed to some nearly 10,000 individuals and organizations. Two issues were published in the *Update*'s sixth year of publication. In order to further conserve resources (financial, staff, and natural), subscribers have been given the option of receiving the newsletter electronically. A steadily increasing number of *Update* subscribers are taking advantage of this option.

Additionally, the Center produces the electronic ***San Pedro News and Comment***, a weekly compilation of news articles relating to the Upper San Pedro Basin, formerly compiled and distributed by the Semi-Arid Land-Surface-Atmosphere Program. Over 500 persons subscribe to this service, and estimated total readership is approximately 700. The *News and Comment*, with the support of SAHRA, has been revising its format and adding a search mechanism to help readers access topics from earlier articles. The news service will also be linked to SAHRA's electronic *Newswatch* on global water issues.

Monographs

Brott, Emily, and Anne Browning-Aiken. 2003. *Elusive Identity: Lessons from an NGO on Mexico's Northern Border*. 27p. ISBN 1-931143-24-2.

Coker, Mitch. 2003. *Saving the Sierra: Alternative Mechanisms for Conserving Northern Mexico's Last Wild Places*. 20p. ISBN 1-931143-22-6.

Cornell, Stephen, and Joseph P. Kalt. 2003. *Alaska Native Self-Government and Service Delivery: What Works?* 33p. Joint Occasional Papers in Native Affairs no. 2003-01, published jointly with The Harvard Project on American Indian Economic Development. ISBN 0-9743946-0-2.

Cornell, Stephen, and Joseph P. Kalt. 2003. *Reloading the Dice: Improving the Chances for Economic Development on American Indian Reservations*. Reprint. 59p. Joint Occasional Papers in Native Affairs

no. 2003-02, published jointly with The Harvard Project on American Indian Economic Development. ISBN 0-9743946-1-0.

Cornell, Stephen, and Joseph P. Kalt. 2003. *Sovereignty and Nation-Building: The Development Challenge in Indian Country Today*. Reprint. 27p. Joint Occasional Papers in Native Affairs no. 2003-03, published jointly with The Harvard Project on American Indian Economic Development. ISBN 0-9743946-2-9.

Grant, Kenneth W. II, Katherine A. Spilde, and Jonathan B. Taylor. *Social and Economic Consequences of Indian Gaming in Oklahoma*. 32p. Joint Occasional Papers in Native Affairs no. 2003-04, published jointly with The Harvard Project on American Indian Economic Development. ISBN 0-9743946-3-7.

Conference Proceedings

Rainie, Stephanie Carroll. 2003. "Building Native Nations: Environment, Natural Resources, and Governance." Proceedings from the conference, Tucson, Arizona. 68pp. ISBN 1-931143-20-X.

Rainie, Stephanie Carroll, Joan Timeche, Kylie Dickman, and Robert Merideth. 2003. "Native Nations, the Environment, and the State of California: Tribal State Relationships and Environmental Quality." Proceedings from the workshop, Pechanga Resort and Casino, Temecula, California. 77pp.

Varady, Robert, Andrea Kaus, Robert Merideth, and Katherine Hankins. 2003. "...to the Sea of Cortes: Nature, Water, Culture, and Livelihood in the Lower Colorado River Basin and Delta." Digest of the symposium and workshop, Riverside, California. 40pp. ISBN 1-931143-23-4.

Reports

Browning-Aiken, Barbara Morehouse, Allison Davis, Margaret Wilder, Robert Varady, Robert Merideth, David Goodrich, Rebecca Carter, Denise Moreno, Emily Dellinger, Francisco Delgado, Arturo Rodriguez, Felix Villaseñor, Mireya Cons. 2003. "Climate, Water Management, and Policy in the San Pedro Basin: Results of a Survey of Mexican Stakeholders Near the U.S.-Mexico Border." Tucson: Udall Center.

Cornell, S., C. Curtis, and M. Jorgensen. 2003. "The Concept of Governance and Its Implications for First Nations." Report to the British Columbia Regional Vice-Chief of the Assembly of First Nations. Tucson: Native Nations Institute. 21 pp.

Cornell, S., M. Jorgensen, J. P. Kalt, and K. Spilde. 2003. "Seizing the Future: Why Some Native Nations Do and Others Don't." Report to the Assembly of First Nations. Tucson: Native Nations Institute. 29 pp.

Varady, R. G., A. Browning-Aiken, R. Merideth, B. Morehouse, and D. Goodrich. 2003. "Water and Climate in the San Pedro River Basin of Mexico and Arizona: Pioneering an Informal Binational Dialogue." Final Report to the Dialogue on Water and Climate. Tucson: Udall Center. 6 pp.

Varady, R. G., A. Browning-Aiken, and R. W. Merideth. 2003. "Scoping Studies for the Upper San Pedro River Basin (including the ARS Walnut Gulch Basin and Headwaters Portion of the River in Mexico) and the Red River Catchment (including the ARS Little Washita Basin)." Final report (GC01-020) to National Oceanic and Atmospheric Administration. Tucson: Udall Center. 49 pp.

Posters

Bowden, W. B., R. Lawford, T. A. Endreny, R. G. Varady, S. Eden, and A. Browning-Aiken. 2003. Poster, "Hydrology for Environment, Life, and Policy (HELP): a new UNESCO program generated by the hydrologic community to address sustainability and equitability issues." American Geophysical Union Chapman Conference, "Ecosystem Interactions with Land Use Change." Santa Fe, New Mexico. June 14-18.

Migoni, Luis. 2003. Poster, "San Pedro News and Comment." Sustainability of Semi-Arid Hydrology and Riparian Areas (SAHRA) 3rd Annual Conference. Tucson, Arizona. October 14-17.

Moreno, Denise. 2003. Poster, "ECOSTART: Binational Environmental Education in the Upper San Pedro River Basin, Arizona and Sonora." SENDEROS Conference: "Environmental Education in a Multicultural Society, A Regional Environmental Education Gathering," presented by the Arizona Association for Environmental Education (AAEE). Tucson, Arizona. September 18-21.

Moreno, Denise. 2003. Poster, "ECOSTART: Binational Environmental Education in the Upper San Pedro River Basin, Arizona and Sonora. Sustainability of Semi-Arid Hydrology and Riparian Areas (SAHRA) 3rd Annual Conference. Tucson, Arizona. October 14-17.

Valdes, Juan, David Brookshire, David Goodrich, Robert Varady, Anne Browning-Aiken, Kevin Lansey, Patricia Romero Lankao, Steven Stewart, Allison Davis and Denise Moreno. 2003. Poster, "SAHRA International Collaboration: The Upper San Pedro Basin." Sustainability of Semi-Arid Hydrology and Riparian Areas (SAHRA) 3rd Annual Conference. Tucson, Arizona. October 14-17.

Varady, R. G. A. Browning-Aiken, D. Goodrich, H. Richter, A. L. Ross, W. J. Shuttleworth, and R. Strain. 2003. Poster, "Integrating science and policy for water management: a case study of the Upper San Pedro, a binational HELP pilot basin." International Union of Geodesy and Geophysics (IUGG) 2003 Conference. Sapporo, Japan. July 7-11.

ADDITIONAL PUBLICATIONS AND PRESENTATIONS BY CENTER STAFF

Scholarly Works

Journals, Book Chapters, and Monographs

Record, Ian W. 2003. "Pine Ridge Renaissance: From the Ground Up, Sovereignty Can Be Real." *Native Americas* (Spring): 54-59.

Varady, R. G., and B. J. Morehouse. 2003. "Moving borders from the periphery to the center: river basins, political boundaries, and water management policy." In *Water: Science, Policy, and Management*, edited by R. Lawford, D. Fort, H. Hartmann, and S. Eden, 143-159. American Geophysical Union Water Resources Monograph 16. Washington, DC: American Geophysical Union.

Varady, R. G., and T. Deubel. 2003. Review of *Environmental Conflict: In Search of Common Ground*, by J. J. Pompe and J. R. Rinehart. *Environmental Practice* 5 (3): 273-274.

Veslany, Kathleen. 2003. "Five Tips for Living in Spain." *you are here: the journal of creative geography* 5 (Summer 2003): 5-7.

Reports and Other Publications

Browning-Aiken, Anne, Allison Davis, and Denise Moreno. 2003. "New Survey Reveals Needs of U.S.-Mexico Border Groups." Interhemispheric Resource Center, America's Program website, <www.americaspolicy.org/reports/2003/0310survey.html>.

Garrow, C., J. T. Flies-Away, and M. Jorgensen. 2003. "The Division of Matrimonial Real Property on American Indian Reservations: A White Paper for the Department of Indian Affairs and Northern Development." Report to Indian and Northern Affairs Canada. Cambridge, MA: Harvard Project on American Indian Economic Development. 25 pp.

Editorships

Emily Dellinger

- Editor, Content Editor, and Design Editor, *you are here: the journal of creative geography* (Department of Geography and Regional Development, University of Arizona)

Ian Record

- Managing Editor, *RED INK: A Native American Student Publication* (University of Arizona)
- Editor, *WSSA News*, newsletter of Western Social Science Association (Northern Arizona University, Flagstaff)
- Creator and Editor, *Yaqui Times*, official tribal newspaper of Pascua Yaqui Tribe of Arizona

Leah Stauber

- Content Editor and Editorial Board member, *you are here: the journal of creative geography* (Department of Geography and Regional Development, University of Arizona)

Academic Presentations and Meetings

Udall Center staff members and research associates made presentations at or participated in the following forums:

- “Aboriginal Strategies,” Statistics Canada, Edmonton, Alberta
- ACF Native American Conference, Gila River, Arizona
- 5th Annual American Indian Tourism Conference & 10th Annual Southwest American Indian Tourism Conference, Gila River, Arizona
- Seventh Annual Arizona Affordable Housing Conference, Tucson, Arizona
- “Brainstorming Governance: Visions, Values, and Structures,” Centre for Dialogue, Simon Fraser University, Vancouver, British Columbia, Canada
- “Building Effective Indigenous Governance,” Jabiru, Northern Territory, Australia
- “Building Tribal Economies,” 2003 Arizona Tribal Economic Summit, Camp Verde, Arizona
- “Capacity Building in Indigenous Communities,” Standing Committee on Aboriginal and Torres Strait Islander Affairs, House of Representatives, Canberra, Australia
- “The CIRCLE Project Evaluation: Approaches to and Issues in Phase II, ‘Outcomes’ Evaluation,” 17th Annual Conference of the American Evaluation Association, Reno, Nevada
- Cultural Heritage Tourism for Indigenous Communities in the U.S. and Business Opportunities in Tourism, Argentina
- Desert Knowledge Cooperative Research Centre, Alice Springs, Northern Territory, Australia
- “Doing Business on Indian Lands,” Native American Business Alliance, Scottsdale, Arizona
- “Effective Leadership—Ethics and Public Service,” National Congress of American Indians 2003 Mid-Year Conference, Gila River, Arizona

- European Geophysical Society-American Geophysical Union-European Union of Geosciences (EGS-AGU-EUG) Joint Assembly, Nice, France
- Governor's Tribal Tourism and Economic Development Summit, Yuma, Arizona
- "Identities: Global, European, National, Local," Warsaw University, Poland
- International Forum on Social Management of Hydrological Basins, Hermosillo, Sonora, Mexico
- Meeting of International Steering Committee of the Dialogue on Water and Climate at Stockholm Water Symposium, Stockholm, Sweden
- "Latin America, Mexico and the Borderlands: A Lifetime of Teaching, Research and Travel" (Symposium in Honor of Edward J. Williams), Arizona Historical Society, Tucson, Arizona
- "Managing Water Resources Under Conditions of High Climatic Variability in the U.S.-Mexico Border Region," National Oceanic and Atmospheric Administration, La Paz, Mexico
- National Congress of American Indians 2003 Annual Conference, Albuquerque, New Mexico
- Oglala Sioux Open Session for Community Members, Kyle, South Dakota
- Oglala Sioux Tribal Council & PRACC Meeting, Kyle, South Dakota
- "Order and Disjuncture: The Organization of Aid and Development," SOAS at London School of Economics, Russell Square, London
- "Political Institutions Matter: American Indian Economic Development," Farber Forum, University of South Dakota, Vermillion, South Dakota
- Program Definition Workshop of the Cooperative Program on Water and Climate, Wageningen, The Netherlands
- "Reloading the Dice, or Economic Policy for Native Nations: The Challenge of Nation Building, Indigenous Economic Development Summit," Minnesota Indian Economic Development Fund, Prior Lake, Minnesota
- National Conference of State Legislators/NCAI Joint Committee, Gila River, Arizona
- Third Conference of the International Water History Association, Alexandria, Egypt
- Third World Water Forum, Shiga, Japan
- "Tribal Economies and Tourism Development," Green Valley Methodist Church Speaker Series, Green Valley, Arizona
- Annual Meeting of the Water Resources Application Project of the Global Energy and Water Cycle Experiment, Lunenburg, Germany
- Workshop on Water Technologies for the Developing World, Kyoto, Japan

WEBSITES AND LISTSERVS

Websites

The Center has continually expanded and updated its website at [<udallcenter.arizona.edu>](http://udallcenter.arizona.edu) to provide improved access to information, documents, and materials about its program areas (American Indian policy, environmental conflict resolution, environmental policy in the Southwest, and U.S.-Mexico border environment), resources (newsletters, publications, and listservs), personnel (faculty, staff, students, and fellows), fellowships and prizes, and other items. Additionally, the Center continues to maintain separate websites for its Native Nations Institute and San Pedro River Projects, as well as for the Arizona Common Ground Roundtable. In addition to maintaining these established websites, the Center added a new site for the ECOSTART environmental education program.

Arizona Common Ground Roundtable

[<udallcenter.arizona.edu/commonground/>](http://udallcenter.arizona.edu/commonground/)

Includes discussions of the Roundtable's task areas, discussion and background papers that advance the Roundtable's work, and links to related resources.

ECOSTART

[<udallcenter.arizona.edu/ecostart/>](http://udallcenter.arizona.edu/ecostart/)

The Center developed and launched a website that describes the activities of ECOSTART, an environmental education and exchange program that empowers Arizona and Sonora elementary-school teachers to develop an environmental education curriculum that broadens their communities' and schools' knowledge of ecosystem principles.

Native Nations Institute

[<udallcenter.arizona.edu/nativenations/>](http://udallcenter.arizona.edu/nativenations/)

Details the program's components and projects, provides contact information, and includes links to NNI's publications.

San Pedro River Basin Projects

[<udallcenter.arizona.edu/sanpedro/>](http://udallcenter.arizona.edu/sanpedro/)

Focuses on both northeastern Sonora, Mexico, and southeastern Arizona, and aims to improve communication about water management and water policy.

Listservs (Internet-based forums)

The Center has continued to maintain four listservs, BECCnet, CECnet, AuroraNet, and FacilitatorsGroup, as mechanisms to foster online discussions about relevant public-policy issues.

BECCnet

Begun in February 1995, BECCnet provides a forum for binational public participation (in English or Spanish) about the activities, procedures, and policies of the Border Environment Cooperation Commission (BECC), the North American Development Bank, other border environmental institutions, and relevant environmental issues related to the U.S. Mexico borderlands. BECCnet has approximately 550 subscribers.

CECnet

CECnet also allows people to exchange comments and information related to the Commission for Environmental Cooperation and North American transboundary environment with individuals and groups in Mexico, Canada, and the United States. Initiated in November 1997, this listserv has approximately 225 subscribers.

Facilitator's Group

This listserv promotes discussion about environmental/public policy mediation and facilitation; it has approximately 80 subscribers.

OTHER ACTIVITIES

Udall Center Fellowship Program

The Center is now in its 14th year of hosting a faculty fellows program. This is the only program of its kind on the UA campus, and through the course of its history over 100 faculty members from 30 departments and 10 colleges have been named Udall Center Fellows. The program requires little funding as it is paid for primarily by stipends offered by colleges and other units and programs. Fellows during the spring 2003 and fall 2003 semesters were Karl Flessa (Geosciences), Linda Molm (Sociology), and Kathy Powers (Political Science).

Collaborations

The Udall Center relies on its connections to other campus units and external organizations. For this reason, the Center is mindful of the need to maintain good relations and to collaborate with other institutions.

Morris K. Udall Foundation

The Udall Center is currently in its eighth year of partnership with the Morris K. Udall Foundation. Under a mandate from the U.S. Congress, the Foundation has provided nearly \$2.5 million to the Center for a menu of programs (conferences, research, training, and education) on environmental and American Indian policy issues. In addition, the Foundation co-founded the Center's Native Nations Institute and, through 2003, has provided more than \$2 million in support for NNI—the largest source of NNI's funding. This relationship has been an important component in the Udall Center's success, and we look forward to continuing it.

Harvard Project on American Indian Economic Development

This research program headquartered at Harvard University continues to maintain close ties to the Udall Center in general, and the Native Nations Institute in particular. The Center's director, Stephen Cornell, cofounded the Project with Harvard economist Joseph Kalt and continues to codirect the Project with Kalt and with NNI's director, Manley Begay. Miriam Jorgensen, Associate Director for Research at NNI, also serves as the Research Director of the Harvard Project on American Indian Economic Development. NNI and the Harvard Project will continue to collaborate on a wide-ranging research agenda.

In 2003, The Native Nations Institute and the Harvard Project on American Indian Economic Development joined forces to support and distribute valuable research on issues related to Native American policy and economic development. Four papers in the Joint Occasional Papers in Native Affairs series were released in 2003 (see "Udall Center Publications," page 19).

On the UA Campus

The Udall Center is actively connected to several important sets of activities on the UA campus: global change research, American Indian studies, southwest environmental research, and study of the U.S.-Mexico border environment. Accordingly, the Center is working closely with the College of Business and Public Administration, American Indian Studies, the College of Law, Institute for the Study of Planet Earth (ISPE), UA Space Grant Consortium, Department of Hydrology and Water Resources, Center for Latin American Studies, Water Resources Research Center, and Office of Arid Lands Studies, among others.

Other Institutions

Additionally, the Center retains close working relations with established partners in academia, in government, and in the community. Academic partners include El Colegio de la Frontera Norte (COLEF), El Colegio de México, El Colegio de Sonora (COLSON), LBJ School at the University of Texas, UC-MEXUS at the University of California, University of New Mexico School of Law, and Washington University in St. Louis. Government partners include the Border Environment Cooperation Commission, Commission for Environmental Cooperation, U.S. Department of the Interior, and U.S. Fish and Wildlife. Community partners include the Arizona-Sonora Desert Museum, Border Ecology Project, Sonoran Institute, Texas Center for Policy Studies, and The Nature Conservancy.

Simultaneously, the Center is forging new linkages with Indian tribes in the United States, First Nations in Canada, tribal associations, environmental NGOs, and other universities. Continuing work with indigenous peoples includes collaboration with the American Indian/Alaska Native Tourism Association, Arizona American Indian Tourism Association, Arizona 19 Tribes Workforce Investment Board, Banff Centre Aboriginal Leadership Program, Four Times Foundation, and the National Institute for Native Leadership in Higher Education. Additionally, the Center's connections through the CIRCLE program include Chief Dull Knife College, Oglala Lakota College, and the Zuni Community Development and Advocacy Center.

Finally, the Center's Native Nations Institute has developed working relationships with the University of Auckland and the University of Waikato, both in New Zealand, and began work in 2003 on a similar relationship with the Centre for Aboriginal Economic Policy Research at the Australian National University.

APPENDIX

Members of International Advisory Council Native Nations Institute

John A. Barrett, Jr. (Potawatomi)
Tribal Chairman, Citizen Potawatomi Nation
Shawnee, Oklahoma

George E. Bennett (Ottawa and Chippewa)
Past Chairman/Tribal Counselor, Grand Traverse Band-Economic Development Committee
Suttons Bay, Michigan

Gregory Cajete (Santa Clara Pueblo)
Director, Native American Studies and Associate Professor, Department of Language, Literacy and Socioculture Studies, College of Education, University of New Mexico
Albuquerque, New Mexico

Duane Champagne (Turtle Mountain Band of Chippewa)
Professor, Sociology Department and faculty member, Native Nations Law and Policy Center,
Sociology Department, University of California, Los Angeles
Los Angeles, California

Raymond Cross (Mandan-Hidatsa)
Professor, College of Law, University of Montana
Missoula, Montana

Dalee Sambo Dorough (Inupiat)
Inuit Circumpolar Conference Advisory Committee on United Nations Issues
Anchorage, Alaska

David Gipp (Lakota)
President, United Tribes Technical College
Bismarck, North Dakota

Denny Hurtado (Skokomish)
Program Supervisor/Director, Office of Superintendent of Public Instruction, Indian Education
Oby, Washington

Vernon James (San Carlos Apache)
Chief Executive Officer-General Manager, San Carlos Apache Telecommunications Utility, Inc.
Peridot, Arizona

Willie Kayasulie (Yup'ik)
Tribal Operations Specialist, Akiachak Native Village
Akiachak, Alaska

Vivian Juan-Saunders (Tohono O'odham)
Chairwoman, Tohono O'odham Nation
Sells, Arizona

Elsie Meeks (Lakota)
Ex. Director, First Nations Oweesta Corporation
Kyle, South Dakota

Michael Kanentakeron Mitchell (Mohawk)
Chief, Mohawk Council of Akwesasne, District of Kawehnoke
Cornwall Island, Ontario, Canada

Regis Pecos (Cochiti Pueblo, Past Governor)
Co-Director, The Leadership Institute at the Santa Fe Indian School
Santa Fe, New Mexico

Sophie Pierre (Kootenay, Ktunaxa/Kinbasket Tribal Council)
President, Delta St. Eugene Mission Resort
Cranbrook, British Columbia, Canada

Jamie Pinkham (Nez Perce)
Vancouver, Washington

Gerald Sherman (Lakota)
Roscoe, Montana

Steve Stevens (Crow)
President, Stevens Enterprises
Lodge Grass, Montana

Karen Gayton Swisher (Standing Rock Sioux)
President, Haskell Indian Nations University
Lawrence, Kansas

Wayne Taylor, Jr. (Hopi)
Chairman, Hopi Tribe
Kykotsmovi, Arizona

Robert Valencia (Yaqui)
Chairman, Pascua Yaqui Tribe
Tucson, Arizona

Beverly Wright (Wampanoag)
Chair, Wampanoag Tribe of Aquinnah
Aquinnah, Massachusetts

Peterson Zah (Navajo)
Educator/Administrator, Arizona State University
Tempe, Arizona

Patricia Zell (Navajo)
Democratic Staff Director/Chief Counsel, U.S. Senate Committee on Indian Affairs
Washington, DC